Patent

Customer No.: 31561 Docket No.12681-US-PA **Application No.: 10/708,171** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Applicant

: Su et al.

Application No. Filed

: 10/708,171 : 2004/2/12

For

: ELECTRO-STATIC DISCHARGE PROTECTION CIRCUIT

FOR DUAL-POLARITY INPUT/OUTPUT PAD

Art Unit

: 2815

Examiner

: WARREN MATTHEW E

#### TRANSMITTAL LETTER 002-1-703-872-9306

(Via fax: 1+9 pages)

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DEC 2 8 2004

Assistant Commissioner for Patents Arlington, Virginia 22202

Dear Sir,

In response to the Office Action dated October 4, 2004(Paper No.: 20041001), please find the Response to Office Action, in 9 pages.

I believe that no fee is incurred. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No.:12681 -US-PA)

Thank you for your assistance in the subject matter. If you have any questions, please feel free to contact me.

> Respectfully Submitted, JIANQ CHYUN Intellectual Property Office

Régistration No.: 46,863

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### DEC 2 8 2004

Customer No.: 31561 Application No: 10/708,171 Docket NO.:12681-US-PA

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application Application Filed: For:	10/708,171 February 12, 2004 ELECTRO-STATIC DISCHARGE PROTECTION CIRCUIT FOR DUAL-POLARITY INPUT/OUTPUT PAD	) ) )R) )
Applicant: Examiner:	et :- Co	)
	Shin Su	)
	Warren, Matthew E.	)
Art Unit	2815	)

No fee is believed to be due. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account. No.50-2620 (order No. 12681-US-PA

### RESPONSE TO OFFICE ACTION

U.S. Patent and Trademark Office Commissioner for Patents 220 20th Street South Customer Window, Mail Stop Amendment Crystal Plaza Two, Lobby, Room 1B03 Arlington, Virginia 22202

#### Dear Sir:

The Office Action mailed on October 04, 2004 has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.